

# Therma-Sheet™

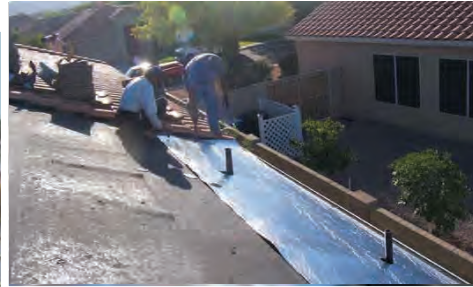
Metal & Concrete or Clay Tile Roofing  
Energy Upgrade

ESP **LOW-E**

REFLECTIVE INSULATION  
INSULATION SOLUTIONS FOR OVER 25 YEARS



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## PRODUCT DESCRIPTION:

Therma-Sheet Roofing Underlayment is manufactured by Environmentally Safe Products, Inc. It is a 99% pure aluminum facing heat laminated to a foam core. ICC, CBC, CRC and FRC evaluation (ESR-3652) allows Therma-Sheet to be used as a stand alone alternative to felt paper and other traditional underlayments. The product is very lightweight, easy to install, and additionally provides thermal protection under metal roofing, stone coated steel and clay tiles. By using Therma-Sheet under your roofing system you can help cut your summer heat gain and when used in conjunction with proper attic ventilation it can also help to control ice damming.

## BENEFITS OF THERMA-SHEET:

- ICC, CBC, CRC & FRC evaluated (ESR-3652) alternative stand alone underlayment
- Lowers Attic Temperature
- Increases Energy Savings
- Non-Toxic, No Fiberglass, - No Itching
- Excellent Vapor Barrier
- Class A Class 1 Fire Rating
- Installs easily with razor knife and foil tape
- Superior thermal performance
- Flexible and durable
- Improves insulation system performance
- Great for new roofing or re-roofing

PRODUCT NAME: Therma-Sheet

PRODUCT CODES: 4LMPX, 4LFPX

PRODUCT DIMENSIONS & DESCRIPTIONS: Double sided scrimmed aluminum foil laminated to polyethylene foam (1/8", 7/32")

WIDTH: 4' LENGTH: 125' (standard with 4" overlapping flange)

R-VALUE: R-9 downward heat flow only (With 1.5" airspace)

CORE MATERIAL: Polyethylene

FACING: 99.4% Polished Aluminum

PERM RATING: ASTM E - 96 0.008

EMITTANCE: ASTM C-1371 0.03

"ESP Inc. strives to provide the most accurate R-value data possible. The R-values set forth in this document are the reflection of a combination of industry standard testing and conscientious calculation. However, these numbers, even within specific applications, can fluctuate due to the multiple variables that influence R-value."

WARNING: Although Low-E™ Insulation Products are all fire tested to ASTM and/or NFPA standards; it is recommended that they or any insulation material should not be exposed to open flame or other ignition sources of sufficient intensity during shipment, storage or installation.

CAUTION: Aluminum is an Electrical Conductor. Please use caution when working around electrical sources including overhead power lines. Carefully inspect electrical junction boxes and check for frayed wires before beginning installation.

\* The information contained herein pertains to only the product codes listed on this brochure.



Scan Code to See Install Guide



ICC EVALUATION SERVICE

ICC-ES Evaluation Report ESR-3652

ICC, CBC, CRC, FRC Evaluated Alternative Stand Alone Underlayment  
Most Widely Accepted and Trusted

# Therma-Sheet™

Roofing Energy Upgrade for Under Shingles

ESP LOW-E

REFLECTIVE INSULATION  
INSULATION SOLUTIONS FOR OVER 25 YEARS



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## PRODUCT DESCRIPTION:

Therma-Sheet Insulation may be installed directly under shingles and ICC, CBC, CRC and FRC evaluation (ESR-3652) allows Therma-Sheet to be used as a stand alone alternative to felt paper and other traditional underlayments. Simply install Therma-Sheet as shown in the pictures above using the overlap flange as a rain drip edge. Shingles are then installed as per the manufacturers instructions.

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**PRODUCT CODES:** 4LMPX, 4LFPX

**PRODUCT DIMENSIONS & DESCRIPTIONS:** Double sided scrimmed aluminum foil laminated to polyethylene foam (1/8", 7/32")

**WIDTH:** 4' **LENGTH:** 125' (standard with 4" overlapping flange)

**R-VALUE:** Under Shingles 0.5

**CORE MATERIAL:** Polyethylene

**FACING:** 99.4% Polished Aluminum

**PERM RATING:** ASTM E - 96 0.008

**EMITTANCE:** ASTM C-1371 0.03

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ICC EVALUATION  
SERVICE

ICC-ES Evaluation Report  
ESR-3652

Most Widely Accepted and Trusted

ICC, CBC, CRC, FRC Evaluated Alternative Stand Alone Underlayment